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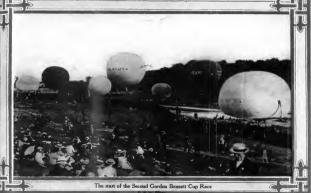
The Oldest American Aeronautical Magazine

JUNE 29, 1925

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SPECIAL FEATURES

AMUNDSEN RETURNS
THE SECOND MILLER FIELD MEET
MACMILLAN-NAVY EXPEDITION SAILS FOR ARCTIC

GARDNER PUBLISHING CO., INC.
HIGHLAND, N. Y.

225 FOURTH AVENUE, NEW YORK

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JUNE 20, 1925 AVIATION VOL. X

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AIRPLANES FOR SALE

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Special offer for Justs, July and August
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ROBERTSON AIRCRAFT CORPORATION

ST. LOUIS FLYING FIELD, ANGLUM, MO.

Fly with the Government Mail

"Post Master General New announces that all but foreigners will be encouraged to organize Rying machine routes and allowed to carry mail under Government contract as vailrouds

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50 - 220 HP Benz 50 - 200 HP Benz 50 - 160 HP Beardmore 200 - 260 HP Mercedes 65 - 160 HP Mercedes

75 - 200 HP Hall-Scott L-6

These motors are part of the largest

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THE GLENN L. MARTIN COMPANY CLEVELAND, OHIO

CATCHING UP

WITH EUROPE

DO see lag behind Europe in the

But when the news comes in, as is did so-

auties from Maurii had floor in a

squadron of Martin Plenes to one of the outlying Islands where their luminess informats ralled them, it strikes not only a

> Detroit Marine Aero-Engine Company

409 Connecticut Ave. Detroit, Mich



THE EXCELLENT SERVICE WRIGHT WHIRLWIND ENGINES ARE GIVING THE U.S. NAVY HAS MADE THEM KNOWN THROUGHOUT THE WORLD

W/RIGHT Windwind J-L 200 H.P. Ave.

The reasons for the choice of Wright

WRIGHT WHIRLWIND J-4 AIR-COOLED ENGINE

AVIATION

Amundaan

the View reportition. He would to demoustrate the poss-The story that the establishme of an envey across the Arctic

and the assessment of our severally.

Selling on Performance Since the days of Montgotter energy eviatest have occ-

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among the most apportant factors to the sale of a new mathe emosthest teller convinces hos. No see should purchase were netwaity knewn and versiod it would be a hele to the To get sufficiently accurate performance figures in not extennely difficult, but it must be done in some standard way

to have been worked out. The N.A A. represents the F.A I money. It also has representatives in almost every state

Diplomatic Air Transport TABLE recent use by M. Donleys, the French Pressure, of airplanes to fly to the Reban front or Marrows and mean, in highly equipment. The rather of a least govern the government. The employment of my transportation by

He flow more than \$400 miles on carbt class. In between Could be they will demonstrate the dering of our navel priors. Builts be managed to more thougands the French lies.

energy seemed undefeaterable

usual degree on neelected. The simplest reduces the time For of closel, both speed and landout appeal should be away from bendessarier to a minuscom.

The Second Miller Field Meet The New York National Guard Squadron Holds a Very Successful Air Meet at Miller Field VET, 2nd peec, adver organite case, was by Lintz Cores.

There were no the neighborhood of one bundred and fifty above on the field for the pase. These cardadd: 35 Markin

n Yought Seatlane, a Curtim Seagul, the Cartin NO from

lat your, other bying cap, was by Let Division Marian Fly-2. FORMATION PLIGHT-II a. ro. Judgel on source.

3 LANDING TO A MARK-II 39 s. m. Throttles to was by Dt Leest, George Coddhay, American, 2nd coine,

gold watch, won by Awistica Plice, E. L. Markham, Annocalia,

My-foot confe to white to the confer of the field was fi 6 SEAPLANE RACE-1 p m. Open Course Miller Field, to Status of Liberty and return (Concur B), but write.

8 DE SPEED HACE—1.50 p or Open saly to T & Amor Seguintees DH Places. Designed three laps of cogni-"A" Finish over mon. He pume, good waters, won my n. C'est y O Houser, Assorbes, Sch., Std. pume, solur contents and, was by Livet, W. N. Anne, McCong. Paris, 70, 2000.

9 SETWEITING [Demonstratest]-2 p. m. 11 NATIONAL GUARD SPEED BACK-) o m Limited to National Guard Squadrana Diritages 1 laps of dinar operation, were by Louis Carl Rack, N Y National State operation of the State SE STUNY PLYENO-230 p m Own. To b. coloni. on variety of stunts and skill shown in managering, he rains, cold watch, was lot Lives, F. O. R. Hanter, Scientis, Dref course, others connected come, Lord, C. Rein-

33. SNOKE SCREEN LAYING (Demonstration)-430 of Course "A." Smak over field. 1st print, gold valid, we 15 STUNY PLYING-5 o. m. Exhibers. 16. DELAY BACK BUXED TYPES-630 p. c. Three planes contribute a team Distrace, each plane, I lap of Commo "A." Frank as field, 2st peace, 2 gold waters, see

Conseque, Quantare, Va., 220 vd., 3rd urges, 1 may Nationally Conseque, Quantara, Va., 239 pd., lors press, a Goggies, A. F. Sterr, Labelmort, N. J., 248 pd. Organizated in ston the most altimather. When the own on-When the man stopped it left a krisk boson in its wall Drondy thus, the planes bearing the premary went no. 5 cut up to 1,000 ft when Toric decided to make his lett-, we simply draw of the below was rectal bottles and

as the police nested it Sough Pench Habe divid for Tude No. 1 of Question. The marine pumper west up 1,500 ft. Dif chan photos by Sergt Elisa Rouges. Nelholo, like To . was recent by Heagt Elmo Rosgue. Nichola, like To . was recent and from the shore, but had the water only size of him and the marine, a strong swimmer, sirer's out ar I for his methon. Nichols mound on nothing an our to the

I not which developed in the balloust of the new Army an engl winder Riv. white it was being inflated at Scott

a ! other Co., builders of the skip Mr. Breden has just one coted the skap after deficient. Con of the nables which holds the roof of the bag to the and reenforcement which is ettached to the similard builtour and restroycoment wrong to propose to per saverage because minori within the believe continuer. Jahr A Pangday, semanading effor at Soit Paid, ordered manage was selected.

The Army Air Service in hadding a perification plant for Solid, but as this has not yet been completed, for believe

profession. At the time the RS.1 was reflated with 500,000 fights of the new ship, which was to here been the largest fights of the seer ship, which was to here been the sizyers and factors number owned by the Army," said Coloses Programmer "The present delay is due to an error in rigging, and not The accident suggests one other important feet, movely the creal advantage America has in the use of before. hel our purification plant at Belleville completed now the

he RS-1 and about 500,000 on the of helpers is at when

Said. The crasp started at 1 00 p. m. and morething was hald. The evenie started at 1 00 p. m. and something was ucing on at all times. All the races but can were run around Of the regular program stanting proved to be of the most subsect. Buy French, in a Thomas Marse plane, was reported first obsect in a size decime. Earl Descriptor, and supported first obsect in a size decime. Al Ebette, both of Long Fresch, and Eddie Martin of Santo

Long Beach Air Rodeo

The Second Air Seder was held by the Aero Club of Leng-

Sight E. C. Dens, Persolvic Bass, Say Frances, Standard A. Carbel, Jones Sonnellin, Earl S. Daughoris, François Seguin Commercial, July Speed Social Social

sec. His tame for the special race in commercial planes, and the tent of 6 was 57% or the Army morni, was by

nn in T erra. No see To the Bend Shick Londing to a muck from 1000 ft alligndo Olinaving the program of events, four narachate names. Juney Serushie, Billy Mayers, donor; for the Kanner Special Circumstrud, Lour Boach Press, Telegram, Joseph Street, Plana

Officials were Pairwit McCorty, Chengo, T. C. Byan, Los. Appeles and Poster P. DeKer, heal provincedent of recess.

New York-Chicago Night Mail Schedule The Post Office for Mail Service between New York and 55 bp, two scatters to 120 kg, three seaters to 180 by and the saving of a becomes day in the temperatalism of mill from New York to Choose

The elimination test requires a climb of 5,300 ft, on 10 mg. The extension test requires a climb of 5,000 ft, on 10 mg, with the regulation loof. Passengers must weigh at long 3M It, with an addition of 22 ft, for barrows. You set to half hower of gardine Egurel of the maximum here you 500 p m., severe Bellefonte, 1128 y m.; incre Bellefonte, 1150 p m., severe Bellefonte, 1128 y m.; incre Bellefonte, 1150 p m., severe Brushad, 229 s. m.; barw Chendend, 1150 p m. E.T. severe Brush 318 n. m. C.T. bare Brush.

which is a day of rest. The total distance is 1,000 or or at

fifty-see become. They was done at a cost of \$500,000, which saying the first year's residue on the fields.

Water Model Tests for Semirigid Airships

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MacMillan-Navy Expedition Sails Donald R. MacMillan Starts on his Ninth Arctic Voyage with there Naval Lorence Amphibian Airplanes Could note particular force with arrest when he Coulds. John M. Javren, of Someralls, Mars, who was one of Mar-

p. old D Machilden and his Arrive error set out June 20 can his a pleasure construct to watch, with hitte out the a pleasure continue to week, with little to nate, a bren bend playing and Bereaude of persons to delicing the above. There were whiches and choice as

where fish of Labo Michaella Year than 7,000 nearest attended the seroments on the Miles kepen to be able to talk over the reds from his pocto no species lasted for an hour. MacMillan was presed

three Their places are equipped with radio surposed to

no Hardellan have over been in the Arrive. Those are

ed by smeshed and flows to Cape Thomas Habbert, on from the Navy's point of view it is important to more from conditions this far north and the possibility of ev-The personnel of the expeditors is as follows: Schooler awden: Lord Comic Bount B MarMiller, expetit, would show. There are two need a half issue of betteron alone Sawden Lord Could Bould B Maddin, opter Ralph P Bolosco, nute, John W Jayres, engineer, July Property valor oversity. Oping McShan, unior and plan Tirre are delle, for enample, for the Eckimon, and a roote of trudets. There is seen, and tokenes, also for the Estimon.

ingrapher, Martin E. Verre, Bishard Vajasa, and Knisel. Bavron, sadern; Maymard Owen William, staff softer and photographer, and Benjasia H. Rigg, magnetic observer, thin and suprests, Notional Ocographic Society represen-

Jacob Gayer, the staff photographer, to a specialist or

Stowedly Peory, Lieut, Comir E. F. McDonald, con-mandiant, Occur F. Stelle, capture, U. J. Hermann, major,

United States Neval continuous attached to the Pear;

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"Who's Who in American Aeronautics" The arrend edition of "What's Who in American Assessment" will be published Sept. 5, 1995. Solve will be found our biographic that will appear in the furthermore volume. As probable to exceed to all public activation and are required to an extension of the common of the common of the formation of the formation of the common of the common of the formation of the abstant for receding in the area nees. The head will content the biographics of practically all the leading precess on Assessment processes. The news of the head will be toy dellars. Order

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Present donneries. Edger, Ple Donner, Address. 411 Study St. Berryson.

Harry Coleman Drayton

See that is not a second or a second of the

Amundsen Flies Back to Spitzbergen One of the two Domier Planes Returns with all Six of the Party Aboard after Twenty-Eight Days Absence

in plane left Kings Eng. Spanbouges, at 5 p. m. May

Off the Course

and I The opener was last farther root until I o'clock as within recept of the stranger Hobby's putrol area. They were then above a large lane to the ice, the first of tre had a residely landing place among the jugged ice of the poly may been seen. Inmediately after landing on the Observations during the night disclosed the numbers of took or that the decision exceed in the eight hours' flight

living the following days they studied the draft readdance learn's ofcation. While flower neethward they had "thto up forther north, they would lay a return course by a trill further north, they would lay a return course by a trill further norther to creen latherite and norther to creen lather t

originally passing.

To make of this private treath Fig. 2 was decided on the by reduced load, without waiting to further lengthen the nispense of feed stown and the smallest possible quantity of spanishes to proceed authorsel to the base. The start was After an evelling flight, partly through for North Care, the After an evening flight, partly through Ing. Notic Cupe, the outborn point of Northeusthand, a large wined forming the this spot required eight hours and tharty fire mounts.

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Observations During the setum trip they continued to make remain \$0,000 as key along the return roots were observed. Then, Insuedantely giver the landing at Nasth Cape the Nornames suche Stocky from Estational was nighted names Creshward to a rule and they were connected to make for estedacton. The is probably the first time that solar com-

British Tubing Authority in United States The free of Arcter & Pollock, Ltd., of College, Streaming-Owlored Inc. 13 Meson Sept. New York.

W W Harkell, managing director of Accion & Politich, Ltd., is at rement in thes country. Mr. Harkell is a member

Civil Aviation in Canada Canadian Report on Civil Aviation Shows that Asscraft Am Used Very Extensively

Report Lengthy

66.000 are. The most important development of the course was from Hadeybury, Contain into the Brown gold lists. That is the first pagelar into of its kind to be established a

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The Abades Appears, Ltd. which operates an internations

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1 to government flying work during 1924 was greatly by itself by the use of eight Victors Vicking amphibium.

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I believe, to the "sequent system" which will during Chine a lack of frances which leads to a shortage of succline, the

their milits in half These give two separate works in northern Chem the Makden division with principally Emerts and Avyon and the Chang Twoles. One role had only a few fighting machines. exponent's applies had to core. There were no machine municipalization on the empty recovered ever which all his eppeared's appears had to come. There were to knowledge graps back of the loss to fire on any low firing machines

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Devuluft Statistics

LIGHT PLANES AND GLIDERS Edited by Edmund T. Allen The Construction of a Simple Clider ... II The fundage of the M.I.T. glober is very couple to see

of the prior's legs. For this purpose a double ply and leakhand in sond around the lower corners and the layer ply and extended revelor makes no the color. A similar hat ma-The longueous are of openies. The two appears use 6.5 x The longerous are or openior. The two tipours are not as The nest is supported by a strong member across of V of the third has, and by the bank of the anal steel who is in tapered digitally from 0.5 x 0.5 in at the pure to 0.75 x 0.5 in at the front out the more tan 0.2 in at the front out the min that the west a built to court four times the weight or the The mast subofactory seed will perbably be a about of



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ing odge. The ribe are set rate the leading edge and hold tablican home water two primer posted nice author and one cleveter control ware pulley, and all control ware ethale-A novel control stack was used on this glader. It consists of a hardward bundle about 16 on long and two source-year the release year. Asheron worse and estanded deportly to a one-ary to pun the too sirvator control wire several a notice The radder bur to made of sale bodged in the center to the

A Real Sailalana

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French Gliding Meet

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During the flight the 35 by Assaus region was never run at greater than 2000 First. This is probably one of the most

AIRPORTS AND AIRWAYS

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The Companie Culturbo-Alexana do Transporter Association, has been swanted a subscript of \$60,000 for the orbits

Barranguilla-Girardot



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of the content and 10th, first first, also is ton; findings that to dig likes odd, first in was beined to the want. His impairment were suffer superficial. The adoption landed in a coun field, The plane, parchased by Yelles prevent months ago, was a tough struck, where frames framed in Yelles streams in the land of the parchased by which is yelled to the parchased by which is the parchased by the land of the land o

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Sail Burial

row the codepit of a plane consists above Londoni Moso, none Golden, Col., and with his wafer watering, the of Walker Sacilitat walker of the World War, who claim

We may be compared to the control of the control of

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Major Minely presing on the posters on an acted map to a con-

The Passing of the DeHavilands The Passing of the DeHavilands
The slays of the Dillill are gustered. The old reliable
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Mility service.

and built and very assumble-personnels be feature from at desirate of conduction and maintenance. The Acres inwith a state bay wise-brased beginne received on with wo in a Higgs lay wise-broad topiane construction with an excitonal word and taken wings of Clark "I" section, recommissed wided take function of chrome-malybelesses to I and wide-freed analyses channe. The early rigged collade using opper and lower wings of sonal mass and shord you. unline wires and two interplane strate at their extremition. it clays. There is the chapter or ereier section. The upper article are possed to each other at the ecuter whereas the r panels carry unbalanced adverses innected in the outer The freelast is a wire traced tabular steel streets er tempelar shape measuring 2 ft. 6 in wide by 4 ft. 6 : to a at its maximum error metion. It is well arranged and

mer which fedows a standard from all apparenties, many

6 y at its manager even nection. If it was arranger and is opposite everyal structural features such as the detachable and parties present which position schembargushing of ride estatement wouldn't for both refer and observed n its seems to all parts of the power plant. The tail por repports a set of conventional control carform of the as obsert of probable in flight through a device progressed fices will be selected the effect personnel for the two PNS to the tad year. A tabular tad skiel of the several type in Catending under the lower wine and out from the fundam

cerved on a wide trend axieless leading goar of ideal own is used at the course or the fundage and lower wasy botto, the outer or thock absorbing memories which extend from the wine beam detachable to findificate previousless of the count reportion to see a represent good in see a session related by see the property from the facility to property from the facility in the product of the sees supply well your from the facility in the to a 10 gal gravely tank placed in upper right wing panel of 170 get expecty which is inflored for a creating range of

recommended too we The power plant with Lebesty installation empress a first page 12-red Delto ignition and a 16 ft. detachable. Note shows alloy propeller. First is supplied to the onerecess and provided with a 8-3 possesse relatively ged bank suspended by strape at year of carrier. For but a denied type makes arrives in post-sided, addining a core radiator assumed study the nowing under the en-

Temperature is regulated by money of radial aborton of rather complicated design reacteded from the modern The agreement or expected for observation recrosses were your for the installation of our 0.30 cal or ass 0.5d cal to be provided for the provided and two forcibly monthaid Laws 's the standard performance two evaluated at the Re-

ps. verng Division, the Dengins XOZ with Liberty organs at lived a high speed of 1372 m for. all ground and a sec-

Resignation of Soc. Lt. Dayer Manuel Jacobs, A.S., ac-First Lie. James C. Clark and Jenne A Smith. A.S. Brooks Piold, to Kelly Field. First 54 Gorge H. Bardeley, A.R., (Const Act. Corpe), Breeks Field, to See Dr., Yori San Housen. Transfer of Sec. Lt. John H. Claybrook, Jr., A.S., Kelly First Lt. Fames H. Doebitle, A.S., Mass. Inst. Took., Cambridge, to McCook Posts.

Ber LA Petrols W. Treberlake, Freid Art., Fost Frage, detailed to A.S., Freeks Fucht. May Chiles W. Ravard, A.S., Farriold, to San Prancisco, astron. on benevard Sept. 5 for Publishers blanch. Sac Lt. George Almond Ford, A.S., Kelly Field, trans-First M. James L. Grecham, A.S., Langley Field, to Fair

Avenue Air Ondoor

First Set. Edward Hellens, A.S., William Woods Field, on Crews for Hawaiian Flight Commander Air Squadron, Scotting Flori, has menigated four officers to make the flight from San Diego, Calif., in Hopelia in the Fifth of the menigated for the control of the control of

planes to be used in that fight. Probably two officers will r cheeses.

Conda: John Rodgers, new commanding the aircraft trader
14.8. Weight: Horse address; Marrie de Genes, Ed.

Lieut, Alax P. Stody, and on staff of commander, Arr Spander as Scotting First. 27 Radded Place, Technes, S. T. Liest, Byren, Janes Coursell, Conting First Squatter One, Scotting Floot. 24 Cable Place Statement. Scotting Floot. 24 Chain Place Pillobusch. Level. Arthur Curin, Scinding Place Squaders One, Scott-ing Place, 1119 20th 50, See Bugo, Chif. The Commander of the Averes's Squadroon, Buttle Plant The Commander of the Averyl's Squadrees, pasts pract has been requested to make reminations for the officer per-mental of the Steining place which will make the first Days-Hawais flight with the PNF places, but these consistedness have not have received at the New Tongstoned Prov. these means the Berray of Arconagtor will select the officers for this day and the selection will be then sub-mitted to the Burner of Navagation for apparent.

U. S. NAVAL AVIATION

Naval Air Onless Nor A S. Francis.

Ken Frank T. Ward dot. U.S.S. Stohbel to lamp duty New A.S., Freemonts.

M. A.S., Freemonts.

M. D. Perren J. Ornandi det Austraft Sode, Soty Ph., to Averet Sada, Battle Fleet LL Arthur Gaves det. Accoraft Sode, Setg. Fit, to Air-Lt. John R. Knein to continue duty frante Nav. Alexandr. McClock Field
Lt. Affect P. Bussly det. Assembl Sight, Sety Fit, to keep duty Agend) Sods, Battle Pit IA Coming Makington St McComb to duty Com. ON Nav. 54a, Postil Barber. IA. Combs. George P. Sycora dat. Off. In Chy., Nav. Etc. San Prancisco, to Cell on Chy Berraters True Sels, San Prancisco, to Cell on Chy Berraters True Sels, San Treas Ste, San Diego. Av. Trans Séa., con Propo.
14. Meriodas A. Freery det, Nur. Yard, N. T., to Nuv. Ale

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